

Learning Goal (I will):

This unit we will solve first degree equations and word problems that can be modelled with first degree equations.

Success Criteria (I can...):

- Solve simple equations
- Solve multi-step equations
- Solve equations with fractions
- Rearrange formulas involving variables in the first degree
- Solve word problems that can be modelled with an equation with one variable
- Solve problems applying per cent, ratio, rate and proportion

Day	Lesson	Text Ref.	Assign. / Homework	Done ✓
1	Diagnostic Quiz with whiteboards Solving Simple Equations	4.1	Pg. 193-195 #3, 5, 6, 8-13, 16, 18, 20	
2	Solving Multi-step Equations	4.2	Pg. 200-202 #2, 4 (“root” just means “solution”), 5a, 6a, 8, 9, 10, 13 Challenge Page 203 #18-21	
3	Quiz #1 Solving Equations with Fractions Part 1 (Cross Multiplying)	4.3	Pg. 208-209 #1, 3ac, 4ac, 5 - 8	
4	Rates, Ratios and Proportions		Page 203 # 15, 16, Worksheet 3.1	
5	Percent as a Proportion		Worksheet 3.2	
6	Solving Equations with Fractions Part 2	4.3	Pg. 208-210 #3bd, 4bd, 11, 12, Worksheet 3.3 Challenge page 210 #13	
7	Quiz #2 Modeling with Formulas (Rearranging Equations)	4.4	Pg. 215-219 #1-3, 6-8, 10-12, 15, 16a Challenge Page 219 #18, 19	
8	Modeling with Algebra	4.5	Pg. 226-227 #1-11 Extra practice: Word Problem Worksheet 3.4	
9	Modeling with Algebra Using Charts (Questions Involving Unit Rates)	4.5	Word Problem Worksheet 3.5	
10	Review		Pg 230 -231 #2, 5, 7, 8, 9, 11, 12-16, Worksheet 3.6 Extra Practice: Pg. 232-233 #1-10	
	First Lesson of Unit 4			
11	TEST			